

## **ENGINEER I**

### **DEFINITION**

Under general supervision, is responsible for performing engineering work at the entry professional level in the field and/or office; performs related duties as required.

**EXAMPLES OF WORK** (Any one position may not include all of the duties listed, nor do the examples cover all of the duties that may be performed.)

Acts as engineer-in-charge of a small construction and/or maintenance project;

Assigns and evaluates work of an engineering staff;

Checks work accomplished by subordinates for quality and quantity by using pre-established standards and policies;

Prepares preliminary and final plans and specifications for minor projects;

May do on-site investigations prior to a project;

Reviews and investigates requests and complaints received from the public; recommends corrective measures;

Inspects engineering projects for conformance to plans and specifications;

May direct or personally engage in field surveys; makes plan-in-hand inspections of ongoing projects;

Assists in the planning and preparation of proposals and specifications for major engineering projects;

May represent the division at meetings with local, state, and federal agencies, regional planning and technical committees, commissioners, citizen groups, engineering groups and other city departments;

Stays abreast of current engineering principles.

### **MINIMUM QUALIFICATIONS**

Possession of a valid State of Ohio certificate as a registered Professional Engineer. Substitution(s): A bachelor's degree in engineering from an accredited curriculum, four (4) years of practical engineering experience and possession of a valid State of Ohio Engineering-In-Training certificate.

Possession of a valid State of Ohio certificate as a registered Professional Engineer by the end of the probationary period.

Specialization in the discipline for which appointment is being made may be required for some positions and will be incorporated in the job postings, as appropriate.

Possession of a valid motor vehicle operator's license.

**KNOWLEDGE, SKILLS AND ABILITIES**

General knowledge of modern methods and techniques used in engineering; general knowledge of the principles and theories of engineering; general knowledge of the materials and equipment used in public works construction and/or maintenance; ability to prepare preliminary engineering plans and/or specifications for minor projects; ability to design moderately difficult engineering structures, facilities, systems and equipment; ability to develop and maintain effective working relationships with others; ability to prepare technical reports and maintain engineering records.

Probationary Period: 365 Days  
Examination: Noncompetitive

Class Code: 1046  
Job Family: Applied Sciences  
EEO Job Category: Professional  
Compensation Plan: CMAGE  
Salary: Range 31-34

Class established: 04-08-63  
Current spec: 07-24-95  
Commission action taken: Review/no change  
Retitle/Merge (Civil Engineer I with Electrical, Mechanical and Traffic Engineer I 12/18/89)  
Last reviewed: 12-18-00